

**JAN 03 2007**

## **FERENCE & ASSOCIATES**

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### **USPTO FACSIMILE COVER SHEET**

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To: Commissioner for Patents  
Fax Number: (571) 273-8300  
Date: January 3, 2007  
Pages: 17 pages (including this cover sheet)

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#### **MESSAGE:**

**RESPONSE UNDER 37 CFR 1.116**  
**-- EXPEDITED PROCEDURE --**  
**EXAMINING GROUP 2654**

**EFFICIENT RECURSIVE CLUSTERING BASED ON A SPLITTING FUNCTION**  
**DERIVED FROM SUCCESSIVE EIGEN-DECOMPOSITIONS**

Application No. 10/042,827  
Examiner M. Pierre  
Art Unit 2654

Amendment Transmittal  
Amendment

YOR920010539US1  
(590.076)

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CENTRAL FAX CENTER**FERENCE & ASSOCIATES  
Amendment Transmittal**JAN 03 2007**Atty. Docket No. YOR920010539US1  
(590.076)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Chaudhari et al  
Serial No. : 10/042,827 Examiner : M. Pierre  
Filed : January 4, 2002 Group Art Unit : 2654  
For : EFFICIENT RECURSIVE CLUSTERING BASED ON A SPLITTING  
FUNCTION DERIVED FROM SUCCESSIVE EIGEN-  
DECOMPOSITIONS

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

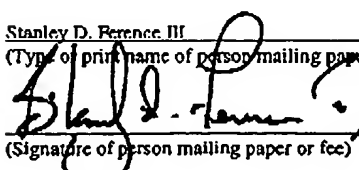
1. ☐ Applicant requests an extension of time to respond to the outstanding Office Action. A Petition for an extension of time is enclosed.
- OR
2. ☒ In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.
3. ☐ Small Entity status of this application has been established by a verified statement previously submitted.
4. ☐ A verified statement to establish Small Entity status is enclosed.

**CERTIFICATE OF TRANSMISSION UNDER 37 CFR § 1.8(a)**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being facsimile transmitted on (571) 273-8300 on January 3, 2007 to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Stanley D. Ference III

(Type or print name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

Page 1 of 2

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**JAN 03 2007**

FERENCE & ASSOCIATES  
 Amendment Transmittal

Atty. Docket No. YOR920010539US1  
 (590.076)

5. ☐ Also enclosed: \_\_\_\_\_
6. ☒ No additional filing fee is required.
7. ☒ The filing fee has been calculated as shown below:

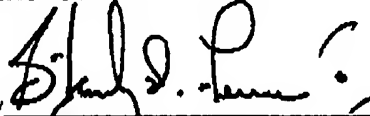
	Claims Remaining After Amendment (Col. 1)	Highest No. Prev. paid for (Col. 2)	Present Extra (Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
				RATE	FEE	RATE	FEE
Total Claims	21	** 21	= * 0	x \$25	=	O x \$50	=
Ind. Claims	3	*** 3	= * 0	x \$100	=	O x \$200	=
<input type="checkbox"/> Multiple Dependent Claim Presented				+ \$180	=	O + \$360	=
				<b>TOTAL</b>	= \$ _____	<b>TOTAL</b>	= \$ _____

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest No. Prev. paid for" in this space is less than 20, write "20" in this space  
 \*\*\* If the "Highest No. Prev. paid for" in this space is less than 3, write "3" in this space.

8. ☐ Applicant encloses herewith a check for \$\_\_\_\_\_ to cover the filing fee.
9. ☐ The Commissioner is hereby authorized to charge the \$\_\_\_\_\_ filing fee to Deposit Account No. 50-0510.
10. ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510.

Respectfully submitted,

FERENCE & ASSOCIATES

By 

Stanley D. Ference III  
 Reg. No. 33,879

Dated: January 3, 2007

Mailing Address:

Customer No. 35195  
 FERENCE & ASSOCIATES  
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 Pittsburgh, Pennsylvania 15143  
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**-- EXPEDITED PROCEDURE --**  
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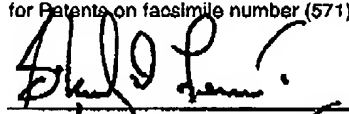
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ON A SPLITTING FUNCTION DERIVED FROM  
SUCCESSIVE EIGEN-DECOMPOSITIONS

January 3, 2007

**AMENDMENT AFTER FINAL**

I hereby certify that this correspondence and any documents referred to as enclosed therewith are being transmitted by facsimile to the Commissioner for Patents on facsimile number (571) 273-8300 on January 3, 2007.

  
Stanley D. Ference III  
Reg. No. 33,879

January 3, 2007  
Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Responsive to the Office Action dated October 31, 2006, kindly enter the following amendments. The amendments find full support in the claims and/or specification as originally filed.

**Amendments to the Claims** are reflected in the listing of claims which begins on Page 2 of this paper.

**Remarks** begin on Page 8 of this paper.